

DrivenPiles - Report

General Project Information

Filename: C:\DrivenPiles\Documentation.dvn
Project Name: Big Bridge
Project Client: State DOT
Prepared By: Junior Engineer
Project Manager: State DOT Engineer

Pile Information

Pile Type: Concrete Pile
Top of Pile: 0.00 ft
Side of Square Section : 10.00 in

Nominal Considerations

Water Table Depth At Time Of:

Drilling: 10.00 ft
Driving/Restrike: 10.00 ft
Nominal: 0.00 ft

Nominal Considerations:

Local Scour: 5.00 ft
Long Term Scour: 0.00 ft
Soft Soil: 0.00 ft

Nominal Profile

Layer	Soil Type	Thickness	Setup Factor	Unit Weight	Strength	Nominal Curve
1	Cohesionless	25.00 ft	1.000	100.00 pcf	36.0/30.0	Nordlund
2	Cohesive	25.00 ft	1.000	110.00 pcf	1000.00 psf	T-80 Same

Restrike - End Bearing

Depth	Soil Type	Effective Stress at Midpoint	Bearing Capacity Factor	End Bearing (Limiting)	End Bearing
0.01 ft	Cohesionless	1.00 psf	30.00	9.25 kips	0.01 kips
1.00 ft	Cohesionless	100.00 psf	30.00	9.25 kips	1.21 kips
2.00 ft	Cohesionless	200.00 psf	30.00	9.25 kips	2.42 kips
3.00 ft	Cohesionless	300.00 psf	30.00	9.25 kips	3.62 kips
4.00 ft	Cohesionless	400.00 psf	30.00	9.25 kips	4.83 kips
4.99 ft	Cohesionless	499.00 psf	30.00	9.25 kips	6.03 kips
5.01 ft	Cohesionless	501.00 psf	30.00	9.25 kips	6.05 kips
6.00 ft	Cohesionless	600.00 psf	30.00	9.25 kips	7.25 kips
7.00 ft	Cohesionless	700.00 psf	30.00	9.25 kips	8.46 kips
8.00 ft	Cohesionless	800.00 psf	30.00	9.25 kips	9.25 kips
9.00 ft	Cohesionless	900.00 psf	30.00	9.25 kips	9.25 kips
9.99 ft	Cohesionless	999.00 psf	30.00	9.25 kips	9.25 kips
10.01 ft	Cohesionless	1000.38 psf	30.00	9.25 kips	9.25 kips
11.00 ft	Cohesionless	1037.60 psf	30.00	9.25 kips	9.25 kips
12.00 ft	Cohesionless	1075.20 psf	30.00	9.25 kips	9.25 kips
13.00 ft	Cohesionless	1112.80 psf	30.00	9.25 kips	9.25 kips
14.00 ft	Cohesionless	1150.40 psf	30.00	9.25 kips	9.25 kips
15.00 ft	Cohesionless	1188.00 psf	30.00	9.25 kips	9.25 kips
16.00 ft	Cohesionless	1225.60 psf	30.00	9.25 kips	9.25 kips
17.00 ft	Cohesionless	1263.20 psf	30.00	9.25 kips	9.25 kips
18.00 ft	Cohesionless	1300.80 psf	30.00	9.25 kips	9.25 kips
19.00 ft	Cohesionless	1338.40 psf	30.00	9.25 kips	9.25 kips
20.00 ft	Cohesionless	1376.00 psf	30.00	9.25 kips	9.25 kips
21.00 ft	Cohesionless	1413.60 psf	30.00	9.25 kips	9.25 kips
22.00 ft	Cohesionless	1451.20 psf	30.00	9.25 kips	9.25 kips
23.00 ft	Cohesionless	1488.80 psf	30.00	9.25 kips	9.25 kips
24.00 ft	Cohesionless	1526.40 psf	30.00	9.25 kips	9.25 kips
24.99 ft	Cohesionless	1563.62 psf	30.00	9.25 kips	9.25 kips
25.01 ft	Cohesive	1564.48 psf	0.00	N/A	6.25 kips
26.00 ft	Cohesive	1611.60 psf	0.00	N/A	6.25 kips
27.00 ft	Cohesive	1659.20 psf	0.00	N/A	6.25 kips
28.00 ft	Cohesive	1706.80 psf	0.00	N/A	6.25 kips
29.00 ft	Cohesive	1754.40 psf	0.00	N/A	6.25 kips
30.00 ft	Cohesive	1802.00 psf	0.00	N/A	6.25 kips
31.00 ft	Cohesive	1849.60 psf	0.00	N/A	6.25 kips
32.00 ft	Cohesive	1897.20 psf	0.00	N/A	6.25 kips
33.00 ft	Cohesive	1944.80 psf	0.00	N/A	6.25 kips
34.00 ft	Cohesive	1992.40 psf	0.00	N/A	6.25 kips
35.00 ft	Cohesive	2040.00 psf	0.00	N/A	6.25 kips
36.00 ft	Cohesive	2087.60 psf	0.00	N/A	6.25 kips

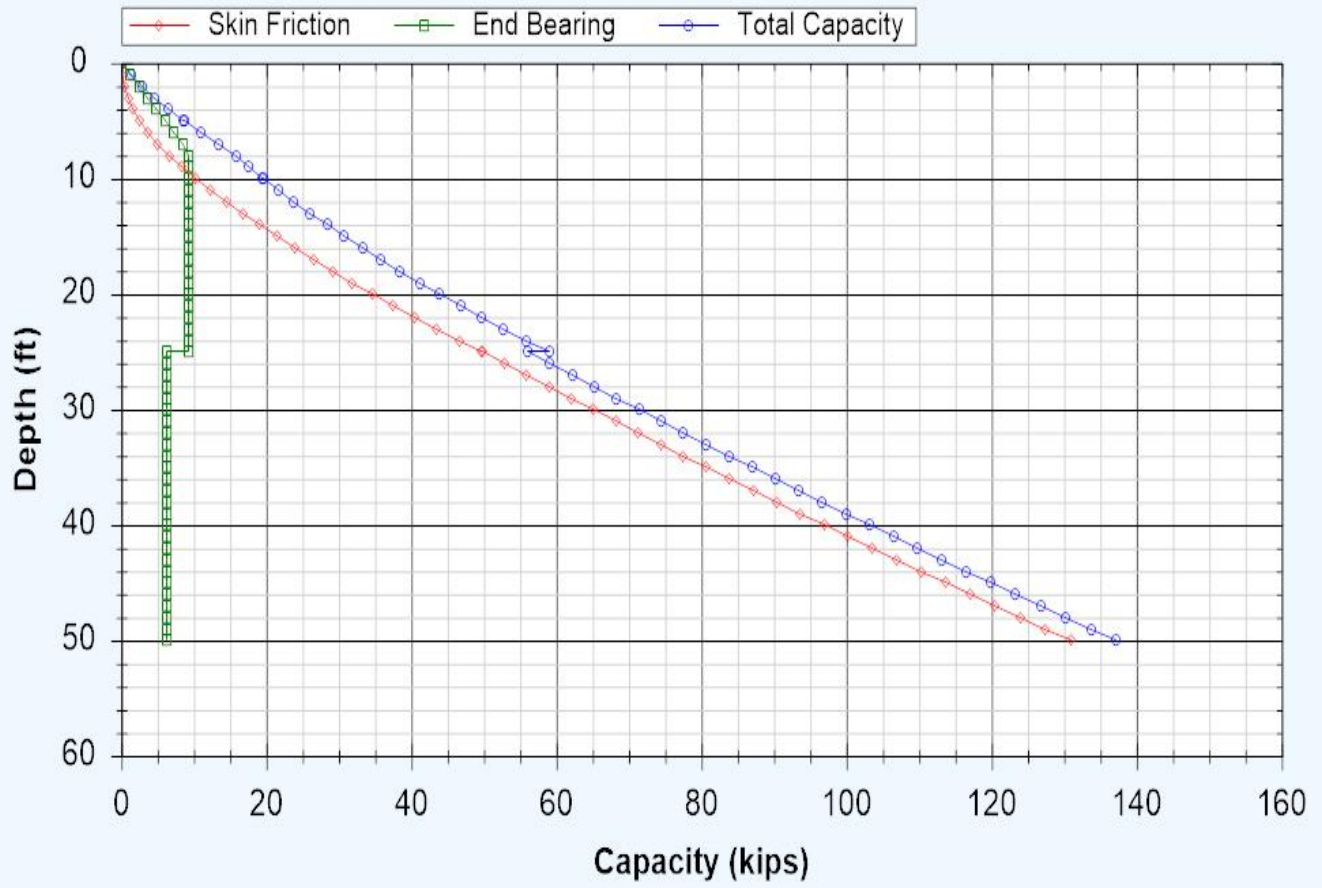
Depth	Soil Type	Effective Stress at Midpoint	Bearing Capacity Factor	End Bearing (Limiting)	End Bearing
37.00 ft	Cohesive	2135.20 psf	0.00	N/A	6.25 kips
38.00 ft	Cohesive	2182.80 psf	0.00	N/A	6.25 kips
39.00 ft	Cohesive	2230.40 psf	0.00	N/A	6.25 kips
40.00 ft	Cohesive	2278.00 psf	0.00	N/A	6.25 kips
41.00 ft	Cohesive	2325.60 psf	0.00	N/A	6.25 kips
42.00 ft	Cohesive	2373.20 psf	0.00	N/A	6.25 kips
43.00 ft	Cohesive	2420.80 psf	0.00	N/A	6.25 kips
44.00 ft	Cohesive	2468.40 psf	0.00	N/A	6.25 kips
45.00 ft	Cohesive	2516.00 psf	0.00	N/A	6.25 kips
46.00 ft	Cohesive	2563.60 psf	0.00	N/A	6.25 kips
47.00 ft	Cohesive	2611.20 psf	0.00	N/A	6.25 kips
48.00 ft	Cohesive	2658.80 psf	0.00	N/A	6.25 kips
49.00 ft	Cohesive	2706.40 psf	0.00	N/A	6.25 kips
49.99 ft	Cohesive	2753.52 psf	0.00	N/A	6.25 kips

Restrike - Summary of Capacities

Depth	Skin Friction	End Bearing	Total Capacity
0.01 ft	0.00 kips	0.01 kips	0.01 kips
1.00 ft	0.10 kips	1.21 kips	1.31 kips
2.00 ft	0.41 kips	2.42 kips	2.83 kips
3.00 ft	0.92 kips	3.62 kips	4.55 kips
4.00 ft	1.64 kips	4.83 kips	6.48 kips
4.99 ft	2.56 kips	6.03 kips	8.58 kips
5.01 ft	2.58 kips	6.05 kips	8.63 kips
6.00 ft	3.69 kips	7.25 kips	10.94 kips
7.00 ft	5.03 kips	8.46 kips	13.49 kips
8.00 ft	6.57 kips	9.25 kips	15.82 kips
9.00 ft	8.31 kips	9.25 kips	17.56 kips
9.99 ft	10.24 kips	9.25 kips	19.49 kips
10.01 ft	10.28 kips	9.25 kips	19.53 kips
11.00 ft	12.35 kips	9.25 kips	21.60 kips
12.00 ft	14.52 kips	9.25 kips	23.77 kips
13.00 ft	16.77 kips	9.25 kips	26.02 kips
14.00 ft	19.09 kips	9.25 kips	28.34 kips
15.00 ft	21.49 kips	9.25 kips	30.74 kips
16.00 ft	23.97 kips	9.25 kips	33.22 kips
17.00 ft	26.52 kips	9.25 kips	35.77 kips
18.00 ft	29.15 kips	9.25 kips	38.40 kips
19.00 ft	31.86 kips	9.25 kips	41.11 kips
20.00 ft	34.64 kips	9.25 kips	43.89 kips
21.00 ft	37.51 kips	9.25 kips	46.76 kips
22.00 ft	40.45 kips	9.25 kips	49.70 kips
23.00 ft	43.46 kips	9.25 kips	52.71 kips
24.00 ft	46.56 kips	9.25 kips	55.81 kips
24.99 ft	49.70 kips	9.25 kips	58.95 kips
25.01 ft	49.76 kips	6.25 kips	56.01 kips
26.00 ft	52.81 kips	6.25 kips	59.06 kips
27.00 ft	55.88 kips	6.25 kips	62.13 kips
28.00 ft	58.96 kips	6.25 kips	65.21 kips
29.00 ft	62.04 kips	6.25 kips	68.29 kips
30.00 ft	65.11 kips	6.25 kips	71.36 kips
31.00 ft	68.19 kips	6.25 kips	74.44 kips
32.00 ft	71.27 kips	6.25 kips	77.52 kips
33.00 ft	74.34 kips	6.25 kips	80.59 kips
34.00 ft	77.48 kips	6.25 kips	83.73 kips
35.00 ft	80.67 kips	6.25 kips	86.92 kips
36.00 ft	83.87 kips	6.25 kips	90.12 kips
37.00 ft	87.10 kips	6.25 kips	93.35 kips

Depth	Skin Friction	End Bearing	Total Capacity
38.00 ft	90.35 kips	6.25 kips	96.60 kips
39.00 ft	93.62 kips	6.25 kips	99.87 kips
40.00 ft	96.91 kips	6.25 kips	103.16 kips
41.00 ft	100.22 kips	6.25 kips	106.47 kips
42.00 ft	103.55 kips	6.25 kips	109.80 kips
43.00 ft	106.90 kips	6.25 kips	113.15 kips
44.00 ft	110.27 kips	6.25 kips	116.52 kips
45.00 ft	113.66 kips	6.25 kips	119.91 kips
46.00 ft	117.07 kips	6.25 kips	123.32 kips
47.00 ft	120.50 kips	6.25 kips	126.75 kips
48.00 ft	123.96 kips	6.25 kips	130.21 kips
49.00 ft	127.43 kips	6.25 kips	133.68 kips
49.99 ft	130.89 kips	6.25 kips	137.14 kips

Bearing Capacity - Restrike



Driving - End Bearing

Depth	Soil Type	Effective Stress at Midpoint	Bearing Capacity Factor	End Bearing (Limiting)	End Bearing
0.01 ft	Cohesionless	1.00 psf	30.00	9.25 kips	0.01 kips
1.00 ft	Cohesionless	100.00 psf	30.00	9.25 kips	1.21 kips
2.00 ft	Cohesionless	200.00 psf	30.00	9.25 kips	2.42 kips
3.00 ft	Cohesionless	300.00 psf	30.00	9.25 kips	3.62 kips
4.00 ft	Cohesionless	400.00 psf	30.00	9.25 kips	4.83 kips
4.99 ft	Cohesionless	499.00 psf	30.00	9.25 kips	6.03 kips
5.01 ft	Cohesionless	501.00 psf	30.00	9.25 kips	6.05 kips
6.00 ft	Cohesionless	600.00 psf	30.00	9.25 kips	7.25 kips
7.00 ft	Cohesionless	700.00 psf	30.00	9.25 kips	8.46 kips
8.00 ft	Cohesionless	800.00 psf	30.00	9.25 kips	9.25 kips
9.00 ft	Cohesionless	900.00 psf	30.00	9.25 kips	9.25 kips
9.99 ft	Cohesionless	999.00 psf	30.00	9.25 kips	9.25 kips
10.01 ft	Cohesionless	1000.38 psf	30.00	9.25 kips	9.25 kips
11.00 ft	Cohesionless	1037.60 psf	30.00	9.25 kips	9.25 kips
12.00 ft	Cohesionless	1075.20 psf	30.00	9.25 kips	9.25 kips
13.00 ft	Cohesionless	1112.80 psf	30.00	9.25 kips	9.25 kips
14.00 ft	Cohesionless	1150.40 psf	30.00	9.25 kips	9.25 kips
15.00 ft	Cohesionless	1188.00 psf	30.00	9.25 kips	9.25 kips
16.00 ft	Cohesionless	1225.60 psf	30.00	9.25 kips	9.25 kips
17.00 ft	Cohesionless	1263.20 psf	30.00	9.25 kips	9.25 kips
18.00 ft	Cohesionless	1300.80 psf	30.00	9.25 kips	9.25 kips
19.00 ft	Cohesionless	1338.40 psf	30.00	9.25 kips	9.25 kips
20.00 ft	Cohesionless	1376.00 psf	30.00	9.25 kips	9.25 kips
21.00 ft	Cohesionless	1413.60 psf	30.00	9.25 kips	9.25 kips
22.00 ft	Cohesionless	1451.20 psf	30.00	9.25 kips	9.25 kips
23.00 ft	Cohesionless	1488.80 psf	30.00	9.25 kips	9.25 kips
24.00 ft	Cohesionless	1526.40 psf	30.00	9.25 kips	9.25 kips
24.99 ft	Cohesionless	1563.62 psf	30.00	9.25 kips	9.25 kips
25.01 ft	Cohesive	1564.48 psf	0.00	N/A	6.25 kips
26.00 ft	Cohesive	1611.60 psf	0.00	N/A	6.25 kips
27.00 ft	Cohesive	1659.20 psf	0.00	N/A	6.25 kips
28.00 ft	Cohesive	1706.80 psf	0.00	N/A	6.25 kips
29.00 ft	Cohesive	1754.40 psf	0.00	N/A	6.25 kips
30.00 ft	Cohesive	1802.00 psf	0.00	N/A	6.25 kips
31.00 ft	Cohesive	1849.60 psf	0.00	N/A	6.25 kips
32.00 ft	Cohesive	1897.20 psf	0.00	N/A	6.25 kips
33.00 ft	Cohesive	1944.80 psf	0.00	N/A	6.25 kips
34.00 ft	Cohesive	1992.40 psf	0.00	N/A	6.25 kips
35.00 ft	Cohesive	2040.00 psf	0.00	N/A	6.25 kips
36.00 ft	Cohesive	2087.60 psf	0.00	N/A	6.25 kips

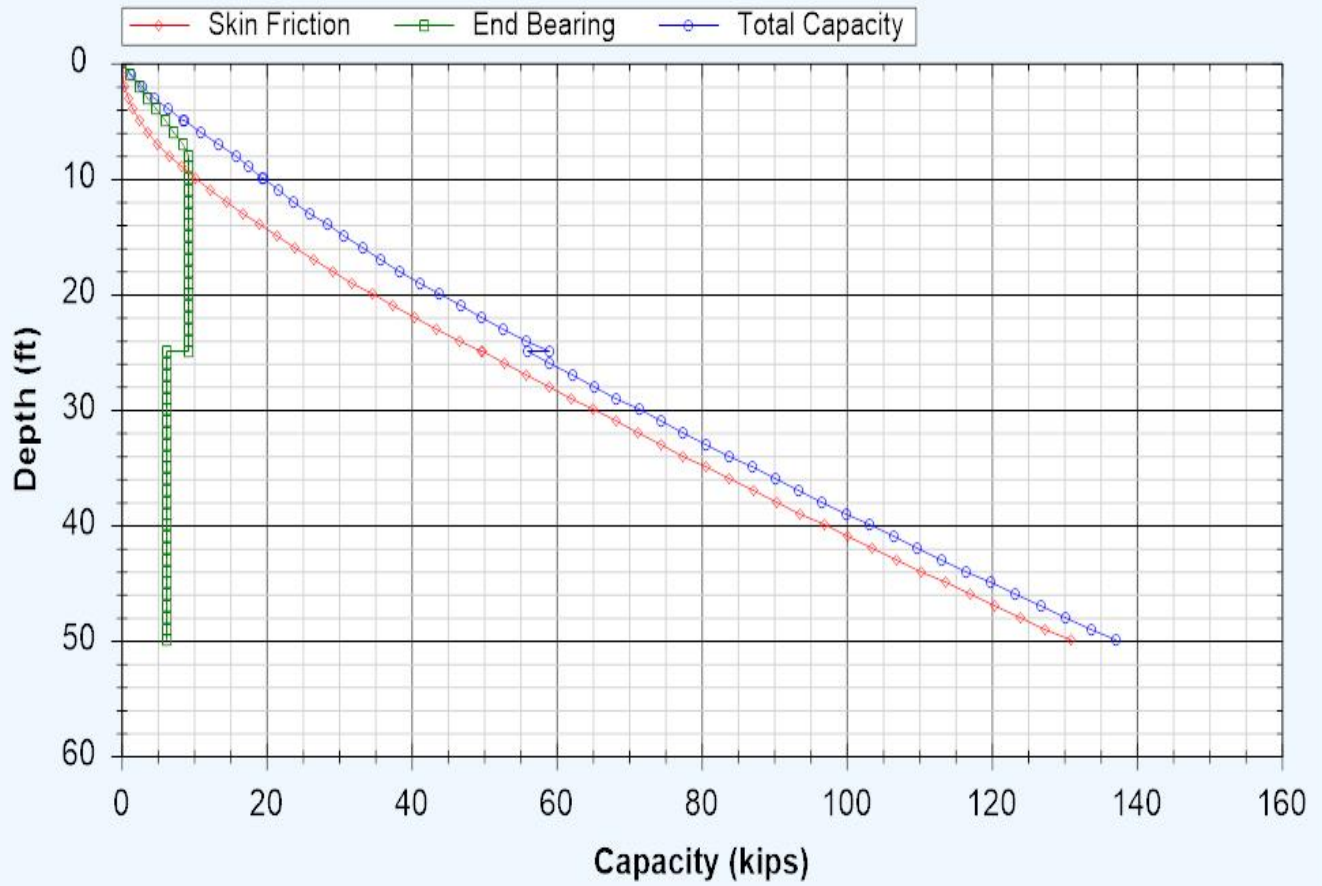
Depth	Soil Type	Effective Stress at Midpoint	Bearing Capacity Factor	End Bearing (Limiting)	End Bearing
37.00 ft	Cohesive	2135.20 psf	0.00	N/A	6.25 kips
38.00 ft	Cohesive	2182.80 psf	0.00	N/A	6.25 kips
39.00 ft	Cohesive	2230.40 psf	0.00	N/A	6.25 kips
40.00 ft	Cohesive	2278.00 psf	0.00	N/A	6.25 kips
41.00 ft	Cohesive	2325.60 psf	0.00	N/A	6.25 kips
42.00 ft	Cohesive	2373.20 psf	0.00	N/A	6.25 kips
43.00 ft	Cohesive	2420.80 psf	0.00	N/A	6.25 kips
44.00 ft	Cohesive	2468.40 psf	0.00	N/A	6.25 kips
45.00 ft	Cohesive	2516.00 psf	0.00	N/A	6.25 kips
46.00 ft	Cohesive	2563.60 psf	0.00	N/A	6.25 kips
47.00 ft	Cohesive	2611.20 psf	0.00	N/A	6.25 kips
48.00 ft	Cohesive	2658.80 psf	0.00	N/A	6.25 kips
49.00 ft	Cohesive	2706.40 psf	0.00	N/A	6.25 kips
49.99 ft	Cohesive	2753.52 psf	0.00	N/A	6.25 kips

Driving - Summary of Capacities

Depth	Skin Friction	End Bearing	Total Capacity
0.01 ft	0.00 kips	0.01 kips	0.01 kips
1.00 ft	0.10 kips	1.21 kips	1.31 kips
2.00 ft	0.41 kips	2.42 kips	2.83 kips
3.00 ft	0.92 kips	3.62 kips	4.55 kips
4.00 ft	1.64 kips	4.83 kips	6.48 kips
4.99 ft	2.56 kips	6.03 kips	8.58 kips
5.01 ft	2.58 kips	6.05 kips	8.63 kips
6.00 ft	3.69 kips	7.25 kips	10.94 kips
7.00 ft	5.03 kips	8.46 kips	13.49 kips
8.00 ft	6.57 kips	9.25 kips	15.82 kips
9.00 ft	8.31 kips	9.25 kips	17.56 kips
9.99 ft	10.24 kips	9.25 kips	19.49 kips
10.01 ft	10.28 kips	9.25 kips	19.53 kips
11.00 ft	12.35 kips	9.25 kips	21.60 kips
12.00 ft	14.52 kips	9.25 kips	23.77 kips
13.00 ft	16.77 kips	9.25 kips	26.02 kips
14.00 ft	19.09 kips	9.25 kips	28.34 kips
15.00 ft	21.49 kips	9.25 kips	30.74 kips
16.00 ft	23.97 kips	9.25 kips	33.22 kips
17.00 ft	26.52 kips	9.25 kips	35.77 kips
18.00 ft	29.15 kips	9.25 kips	38.40 kips
19.00 ft	31.86 kips	9.25 kips	41.11 kips
20.00 ft	34.64 kips	9.25 kips	43.89 kips
21.00 ft	37.51 kips	9.25 kips	46.76 kips
22.00 ft	40.45 kips	9.25 kips	49.70 kips
23.00 ft	43.46 kips	9.25 kips	52.71 kips
24.00 ft	46.56 kips	9.25 kips	55.81 kips
24.99 ft	49.70 kips	9.25 kips	58.95 kips
25.01 ft	49.76 kips	6.25 kips	56.01 kips
26.00 ft	52.81 kips	6.25 kips	59.06 kips
27.00 ft	55.88 kips	6.25 kips	62.13 kips
28.00 ft	58.96 kips	6.25 kips	65.21 kips
29.00 ft	62.04 kips	6.25 kips	68.29 kips
30.00 ft	65.11 kips	6.25 kips	71.36 kips
31.00 ft	68.19 kips	6.25 kips	74.44 kips
32.00 ft	71.27 kips	6.25 kips	77.52 kips
33.00 ft	74.34 kips	6.25 kips	80.59 kips
34.00 ft	77.48 kips	6.25 kips	83.73 kips
35.00 ft	80.67 kips	6.25 kips	86.92 kips
36.00 ft	83.87 kips	6.25 kips	90.12 kips
37.00 ft	87.10 kips	6.25 kips	93.35 kips

Depth	Skin Friction	End Bearing	Total Capacity
38.00 ft	90.35 kips	6.25 kips	96.60 kips
39.00 ft	93.62 kips	6.25 kips	99.87 kips
40.00 ft	96.91 kips	6.25 kips	103.16 kips
41.00 ft	100.22 kips	6.25 kips	106.47 kips
42.00 ft	103.55 kips	6.25 kips	109.80 kips
43.00 ft	106.90 kips	6.25 kips	113.15 kips
44.00 ft	110.27 kips	6.25 kips	116.52 kips
45.00 ft	113.66 kips	6.25 kips	119.91 kips
46.00 ft	117.07 kips	6.25 kips	123.32 kips
47.00 ft	120.50 kips	6.25 kips	126.75 kips
48.00 ft	123.96 kips	6.25 kips	130.21 kips
49.00 ft	127.43 kips	6.25 kips	133.68 kips
49.99 ft	130.89 kips	6.25 kips	137.14 kips

Bearing Capacity - Driving



Nominal - End Bearing

Depth	Soil Type	Effective Stress at Midpoint	Bearing Capacity Factor	End Bearing (Limiting)	End Bearing
0.01 ft	Cohesionless	0.00 psf	0.00	0.00 kips	0.00 kips
1.00 ft	Cohesionless	0.00 psf	0.00	0.00 kips	0.00 kips
2.00 ft	Cohesionless	0.00 psf	0.00	0.00 kips	0.00 kips
3.00 ft	Cohesionless	0.00 psf	0.00	0.00 kips	0.00 kips
4.00 ft	Cohesionless	0.00 psf	0.00	0.00 kips	0.00 kips
4.99 ft	Cohesionless	0.00 psf	0.00	0.00 kips	0.00 kips
5.01 ft	Cohesionless	188.38 psf	30.00	9.25 kips	2.28 kips
6.00 ft	Cohesionless	225.60 psf	30.00	9.25 kips	2.73 kips
7.00 ft	Cohesionless	263.20 psf	30.00	9.25 kips	3.18 kips
8.00 ft	Cohesionless	300.80 psf	30.00	9.25 kips	3.63 kips
9.00 ft	Cohesionless	338.40 psf	30.00	9.25 kips	4.09 kips
9.99 ft	Cohesionless	375.62 psf	30.00	9.25 kips	4.54 kips
10.01 ft	Cohesionless	376.38 psf	30.00	9.25 kips	4.55 kips
11.00 ft	Cohesionless	413.60 psf	30.00	9.25 kips	5.00 kips
12.00 ft	Cohesionless	451.20 psf	30.00	9.25 kips	5.45 kips
13.00 ft	Cohesionless	488.80 psf	30.00	9.25 kips	5.91 kips
14.00 ft	Cohesionless	526.40 psf	30.00	9.25 kips	6.36 kips
15.00 ft	Cohesionless	564.00 psf	30.00	9.25 kips	6.81 kips
16.00 ft	Cohesionless	601.60 psf	30.00	9.25 kips	7.27 kips
17.00 ft	Cohesionless	639.20 psf	30.00	9.25 kips	7.72 kips
18.00 ft	Cohesionless	676.80 psf	30.00	9.25 kips	8.18 kips
19.00 ft	Cohesionless	714.40 psf	30.00	9.25 kips	8.63 kips
20.00 ft	Cohesionless	752.00 psf	30.00	9.25 kips	9.09 kips
21.00 ft	Cohesionless	789.60 psf	30.00	9.25 kips	9.25 kips
22.00 ft	Cohesionless	827.20 psf	30.00	9.25 kips	9.25 kips
23.00 ft	Cohesionless	864.80 psf	30.00	9.25 kips	9.25 kips
24.00 ft	Cohesionless	902.40 psf	30.00	9.25 kips	9.25 kips
24.99 ft	Cohesionless	939.62 psf	30.00	9.25 kips	9.25 kips
25.01 ft	Cohesive	940.48 psf	0.00	N/A	6.25 kips
26.00 ft	Cohesive	987.60 psf	0.00	N/A	6.25 kips
27.00 ft	Cohesive	1035.20 psf	0.00	N/A	6.25 kips
28.00 ft	Cohesive	1082.80 psf	0.00	N/A	6.25 kips
29.00 ft	Cohesive	1130.40 psf	0.00	N/A	6.25 kips
30.00 ft	Cohesive	1178.00 psf	0.00	N/A	6.25 kips
31.00 ft	Cohesive	1225.60 psf	0.00	N/A	6.25 kips
32.00 ft	Cohesive	1273.20 psf	0.00	N/A	6.25 kips
33.00 ft	Cohesive	1320.80 psf	0.00	N/A	6.25 kips
34.00 ft	Cohesive	1368.40 psf	0.00	N/A	6.25 kips
35.00 ft	Cohesive	1416.00 psf	0.00	N/A	6.25 kips
36.00 ft	Cohesive	1463.60 psf	0.00	N/A	6.25 kips

Depth	Soil Type	Effective Stress at Midpoint	Bearing Capacity Factor	End Bearing (Limiting)	End Bearing
37.00 ft	Cohesive	1511.20 psf	0.00	N/A	6.25 kips
38.00 ft	Cohesive	1558.80 psf	0.00	N/A	6.25 kips
39.00 ft	Cohesive	1606.40 psf	0.00	N/A	6.25 kips
40.00 ft	Cohesive	1654.00 psf	0.00	N/A	6.25 kips
41.00 ft	Cohesive	1701.60 psf	0.00	N/A	6.25 kips
42.00 ft	Cohesive	1749.20 psf	0.00	N/A	6.25 kips
43.00 ft	Cohesive	1796.80 psf	0.00	N/A	6.25 kips
44.00 ft	Cohesive	1844.40 psf	0.00	N/A	6.25 kips
45.00 ft	Cohesive	1892.00 psf	0.00	N/A	6.25 kips
46.00 ft	Cohesive	1939.60 psf	0.00	N/A	6.25 kips
47.00 ft	Cohesive	1987.20 psf	0.00	N/A	6.25 kips
48.00 ft	Cohesive	2034.80 psf	0.00	N/A	6.25 kips
49.00 ft	Cohesive	2082.40 psf	0.00	N/A	6.25 kips
49.99 ft	Cohesive	2129.52 psf	0.00	N/A	6.25 kips

Nominal - Summary of Capacities

Depth	Skin Friction	End Bearing	Total Capacity
0.01 ft	0.00 kips	0.00 kips	0.00 kips
1.00 ft	0.00 kips	0.00 kips	0.00 kips
2.00 ft	0.00 kips	0.00 kips	0.00 kips
3.00 ft	0.00 kips	0.00 kips	0.00 kips
4.00 ft	0.00 kips	0.00 kips	0.00 kips
4.99 ft	0.00 kips	0.00 kips	0.00 kips
5.01 ft	0.00 kips	2.28 kips	2.28 kips
6.00 ft	0.42 kips	2.73 kips	3.15 kips
7.00 ft	0.93 kips	3.18 kips	4.11 kips
8.00 ft	1.50 kips	3.63 kips	5.14 kips
9.00 ft	2.16 kips	4.09 kips	6.25 kips
9.99 ft	2.89 kips	4.54 kips	7.42 kips
10.01 ft	2.90 kips	4.55 kips	7.45 kips
11.00 ft	3.70 kips	5.00 kips	8.70 kips
12.00 ft	4.59 kips	5.45 kips	10.04 kips
13.00 ft	5.56 kips	5.91 kips	11.46 kips
14.00 ft	6.60 kips	6.36 kips	12.96 kips
15.00 ft	7.72 kips	6.81 kips	14.53 kips
16.00 ft	8.91 kips	7.27 kips	16.18 kips
17.00 ft	10.19 kips	7.72 kips	17.91 kips
18.00 ft	11.54 kips	8.18 kips	19.72 kips
19.00 ft	12.96 kips	8.63 kips	21.60 kips
20.00 ft	14.47 kips	9.09 kips	23.56 kips
21.00 ft	16.05 kips	9.25 kips	25.30 kips
22.00 ft	17.71 kips	9.25 kips	26.96 kips
23.00 ft	19.45 kips	9.25 kips	28.70 kips
24.00 ft	21.26 kips	9.25 kips	30.51 kips
24.99 ft	23.13 kips	9.25 kips	32.38 kips
25.01 ft	23.18 kips	6.25 kips	29.43 kips
26.00 ft	26.23 kips	6.25 kips	32.48 kips
27.00 ft	29.30 kips	6.25 kips	35.55 kips
28.00 ft	32.38 kips	6.25 kips	38.63 kips
29.00 ft	35.46 kips	6.25 kips	41.71 kips
30.00 ft	38.53 kips	6.25 kips	44.78 kips
31.00 ft	41.61 kips	6.25 kips	47.86 kips
32.00 ft	44.69 kips	6.25 kips	50.94 kips
33.00 ft	47.76 kips	6.25 kips	54.01 kips
34.00 ft	50.90 kips	6.25 kips	57.15 kips
35.00 ft	54.09 kips	6.25 kips	60.34 kips
36.00 ft	57.30 kips	6.25 kips	63.55 kips
37.00 ft	60.52 kips	6.25 kips	66.77 kips

Depth	Skin Friction	End Bearing	Total Capacity
38.00 ft	63.77 kips	6.25 kips	70.02 kips
39.00 ft	67.04 kips	6.25 kips	73.29 kips
40.00 ft	70.33 kips	6.25 kips	76.58 kips
41.00 ft	73.64 kips	6.25 kips	79.89 kips
42.00 ft	76.97 kips	6.25 kips	83.22 kips
43.00 ft	80.32 kips	6.25 kips	86.57 kips
44.00 ft	83.69 kips	6.25 kips	89.94 kips
45.00 ft	87.08 kips	6.25 kips	93.33 kips
46.00 ft	90.49 kips	6.25 kips	96.74 kips
47.00 ft	93.92 kips	6.25 kips	100.17 kips
48.00 ft	97.38 kips	6.25 kips	103.63 kips
49.00 ft	100.85 kips	6.25 kips	107.10 kips
49.99 ft	104.31 kips	6.25 kips	110.56 kips

Bearing Capacity - Nominal

